

Fig. 2 Schematic illustrating ground currents passing through a cow via neutral to earth electrical return paths.

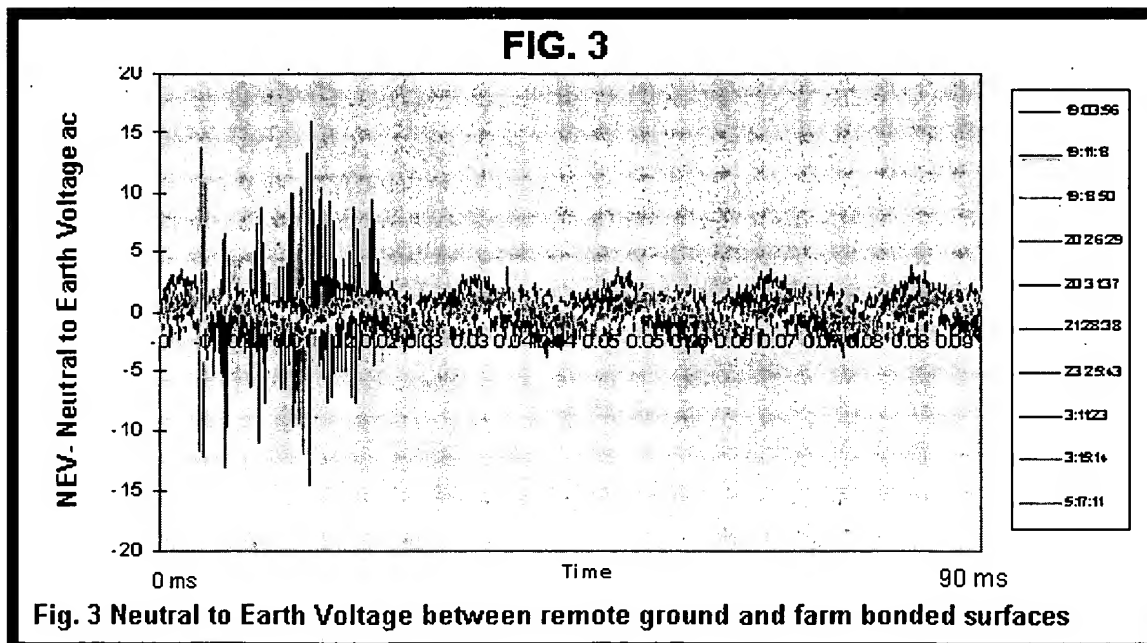


Fig. 3 Neutral to Earth Voltage between remote ground and farm bonded surfaces

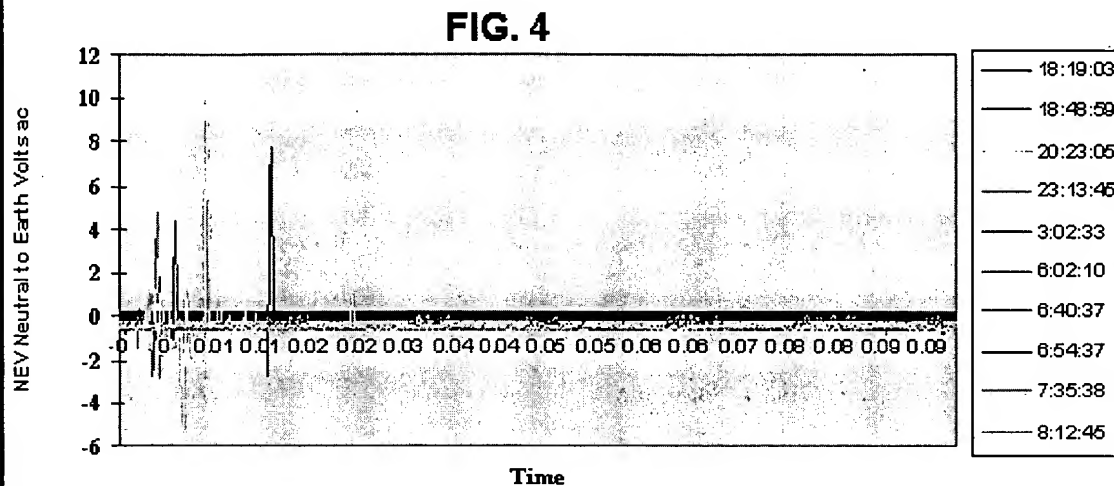


Fig. 4 Same Farm as in Fig. 3 after Neutral Isolation. Transients remain.

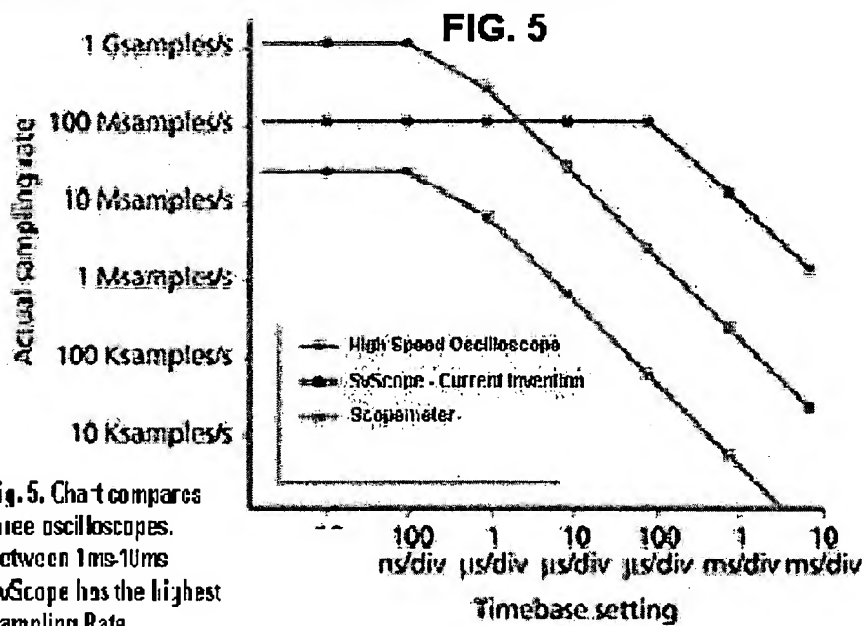


Fig. 5. Chart compares three oscilloscopes. Between 1ms-10ms SuScope has the highest Sampling Rate.

FIG. 6

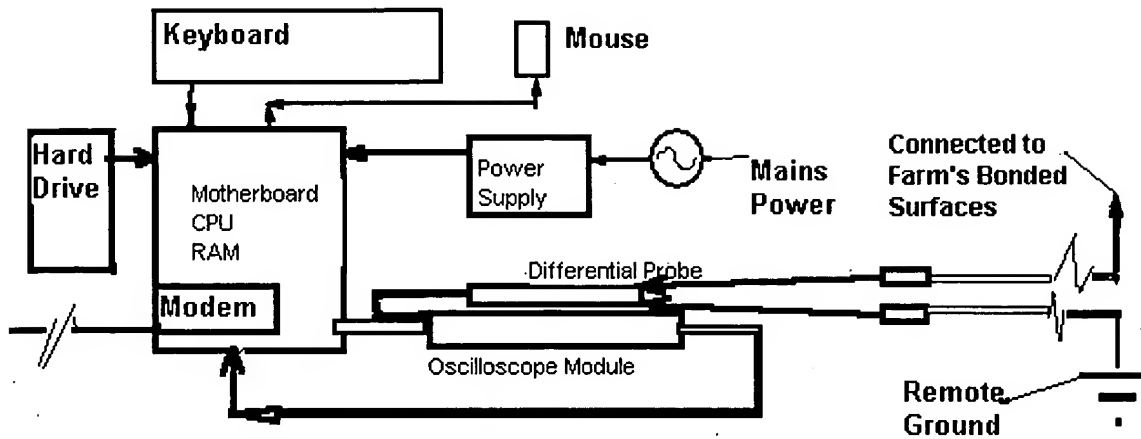


Fig. 6 Schematic of Differential Oscilloscope

FIG. 7

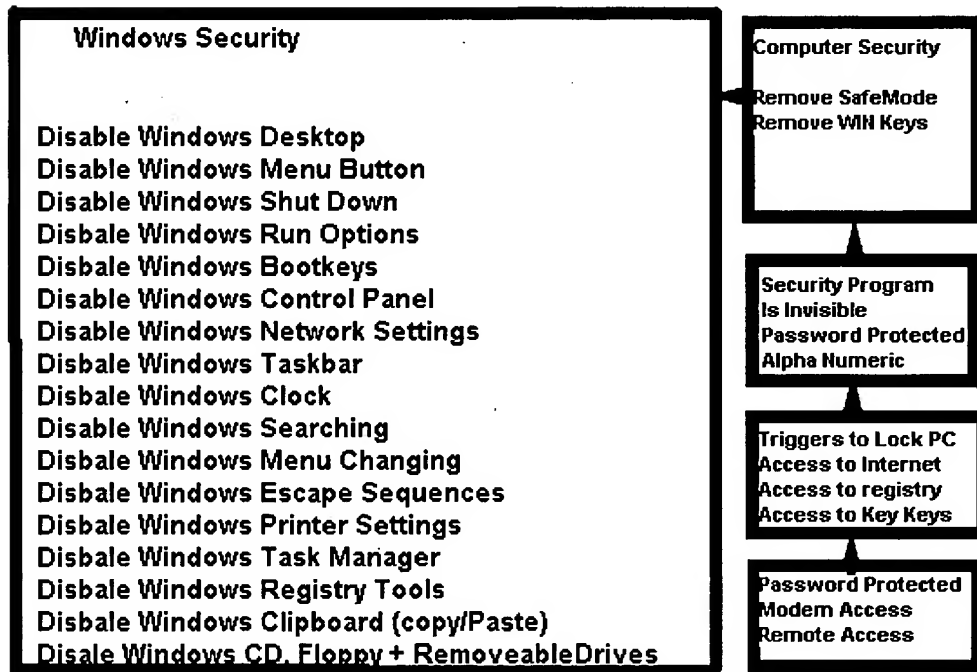


Fig. 7 Schematic of Differential Oscilloscope Operating System Security Software

FIG. 8

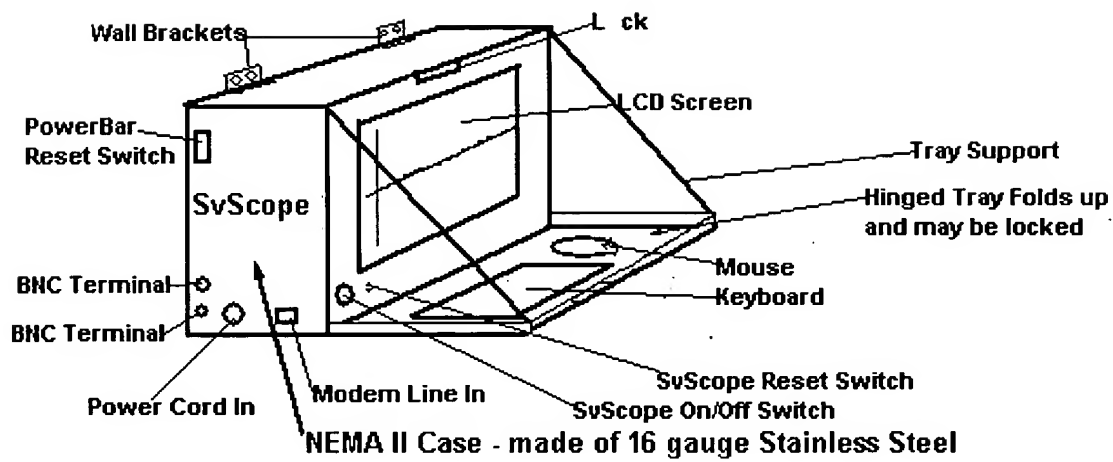


Fig. 8 Sketch of the complete SvScope Remote Access Differential Oscilloscope. Oscilloscope and Computer Hardware is contained in a NEMA II case to repel dust and insects.